

Listing of Claims:

1. (Currently amended) Control device for a tractor having a longitudinal geometrical center axis and ~~provided with~~ a system for detecting pivoting or articulating angles between the longitudinal geometrical center axis ~~axes~~ of the tractor and a longitudinal geometrical center axis ~~these~~ of a semitrailer coupled by way of a kingpin when the semitrailer is being coupled and being pulled into and out of parking places, the semitrailer having an underside, characterized

by a configuration (20) of a plurality of Hall sensors (21) located next to each other in an ~~the~~ area which encloses a ~~the~~ receiving opening (11) of the tractor for a ~~the~~ fifth-wheel kingpin concentrically on a partial circular arc around the vertical geometrical center axis of the receiving opening;

by at least one permanent magnet (30) which is located ~~underneath~~ on the underside of the semitrailer at a radial distance (r_m) from the geometrical vertical axis (13) of the kingpin and with a distance to the Hall sensors such that with its magnetic field the at least one permanent magnet it acts on and excites only ~~on~~ the most closely adjacent Hall sensor of the configuration, and

by electrical output lines of the Hall sensors (21), which lines are connected to an ~~the~~ evaluation circuit that ~~which for its part determines the unknown angle (α)~~ from the location of the excited Hall sensor an angle α between the longitudinal geometrical center axis of the tractor and the longitudinal geometrical center axis of the semitrailer.

2. (Currently amended) Control device for a tractor having a longitudinal geometrical center axis and ~~provided with~~ a system for detecting pivoting or articulating angles between a ~~the~~ longitudinal geometrical center axis ~~axes~~ of a drawbar having a vertical geometrical pivoting axis

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(13) and a longitudinal geometrical center axis ~~these~~ of a trailer coupleable by way of the drawbar when the trailer is being coupled and pulled into and out of parking places, the trailer having an underside, characterized

by a configuration (20) of a plurality of Hall sensors (21) located next to each other in an the area which concentrically encloses the vertical geometrical pivoting axis of the drawbar;

by at least one permanent magnet (30) which is located ~~underneath~~ on the underside of the trailer at a radial distance r_m from the vertical geometrical pivoting axis (13) and with a distance to the Hall sensors such that with its magnetic field the at least one permanent magnet ~~it~~ acts on and excites only ~~on~~ the most closely adjacent Hall sensor of the configuration, and

by electrical output lines of the Hall sensors (21), which lines are connected to an the evaluation circuit that ~~which for its part determines the unknown angle (α)~~ from the location of the excited Hall sensor an angle α between the longitudinal geometrical center axis of the drawbar and the longitudinal geometrical center axis of the trailer.

3. (Currently amended) The device as claimed in claim 1 ~~and/or claim 2~~, wherein the evaluation circuit supplies the angle and/or angles to a remote control unit for an unmanned tractor as an the input quantity or as input quantities.

4. (New) The device as claimed in claim 2, wherein the evaluation circuit supplies the angle and/or angles to a remote control unit for an unmanned tractor as an the input quantity or as input quantities.